

SOIL ANALYTICAL DATA - PAH  
ROUTE 113 RELEASE  
KANKAKEE, ILLINOIS

Sample I.D.	Date	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd)pyrene (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)
IEPA Soil Component of GW Ingestion Class 1		570	NGV	12000	2	8	5	49	NGV	160	2	4300	560	14	12	NGV	4200
IEPA Residential Ingestion		4700	NGV	23000	0.9	0.09	0.9	9	NGV	88	0.09	3100	3100	0.9	1600	NGV	2300
IEPA Residential Inhalation		NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	170	NGV	NGV
IEPA Construction Worker Ingestion		120000	NGV	610000	170	17	170	1700	NGV	17000	17	82000	82000	170	4100	NGV	61000
IEPA Construction Worker Inhalation		NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	NGV	1.8	NGV	NGV
SB1 (0-2')	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB2 (0-2')	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB3 (0-16")	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB4 (0-2')	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB5 (0-2')	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB6 (0-2')	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB7 (0-2')	3/15/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	0.124	<0.050	<0.050	
SB7 (2-2.3')	3/15/2014	<0.050	<0.050	<0.050	0.0170	<0.015	0.013	0.012	<0.050	<0.020	<0.050	<0.050	<0.029	0.179	<0.050	<0.050	
SB8 (0-2')	3/16/2014	<0.050	<0.050	<0.050	0.0147	<0.015	<0.011	0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB9 (0-1.5')	3/16/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB10 (0-2')	3/16/2014	<0.050	<0.050	<0.050	0.0120	<0.015	<0.011	0.012	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB11 (2-4')	3/16/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB12 (0-2')	3/16/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB13 (0-2')	3/16/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SS1 (0-2')	3/16/2014	<0.050	<0.050	<0.050	<0.0087	<0.015	<0.011	<0.011	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	
SB14 (0-2')	3/17/2014	<0.050	<0.050	<0.050	0.0167	<0.015	0.013	0.015	<0.050	<0.020	<0.050	<0.050	<0.029	<0.025	<0.050	<0.050	

**Analytical Notes:**

IEPA = Illinois Environmental Protection Agency

GW = Groundwater

mg/kg= milligrams per kilogram

&lt; = Not detected at or above indicated laboratory reporting limit

NGV = No given value